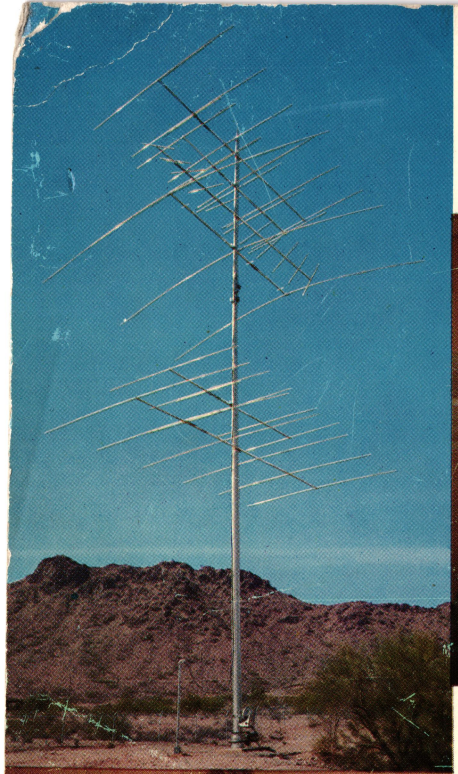
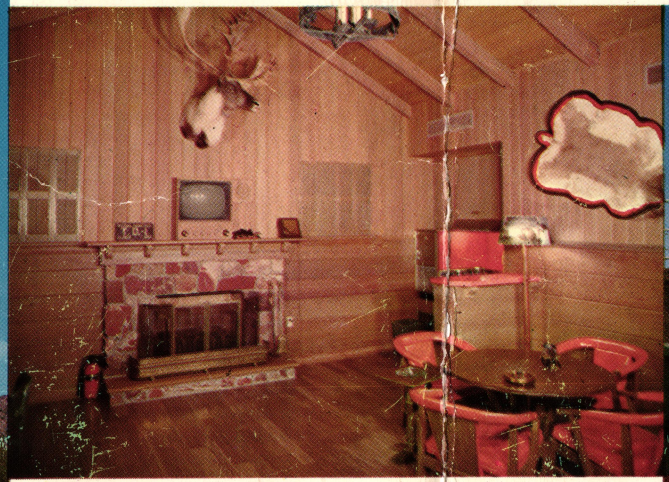
RADIO W9YT CONFIRMING AM SSB CW QSO of Dec 18 1960

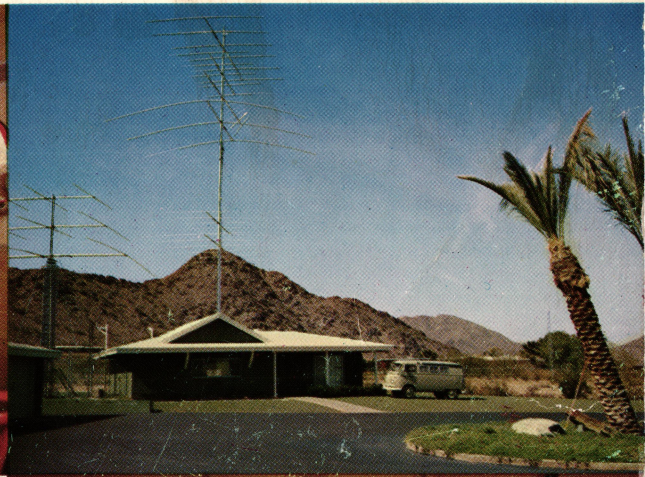
at 0214 GMT UR SIGS 5/9 PSE QSL TNX BEST 73'S

FROM THORNE DONNELLEY AND HIS "MUMMY MOUNTAIN BOYS".

"OP" Herman







K7LJA

"Little Johnny Appleseed"

THE MUMMY MOUNTAIN RADIO CLUB

5855 MOCKINGBIRD LANE

SCOTTSDALE, ARIZONA

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"Little Johnny Appleseed"

MUMMY MOUNTAIN RADIO CLUB

5855 MOCKINGBIRD LANE • SCOTTSDALE, ARIZONA

"The Mummy Mountain Radio Club, Scottsdale, Arizona, on the Northeast slopes of picturesque Mummy Mountain in incomparable Paradise Valley, just fifteen miles Northeast of the center of the capital city, Fabulous Phoenix, in the Beautiful Golden Valley of the Sun, where Sunshine Spends the Winter."

Three operating positions allow 1000-watt rigs in each to be put on the air simultaneously. Booth one to the left contains the Collins "S" line driving a 30-S1 linear. The antenna patch panel is located to the right in this booth.

Booth two contains a Johnson 6N2 exciter driving a 6N2 Thunderbolt linear. The receiver is model 645 Tapetone for 6 meters with a TC-144-6 Tapetone 2 meter converter. On the upper shelf to the left is the KWM2A used in the mobile unit as shown in the outside view. On the right is a Collins 51J4 standby receiver.

Booth three contains a TMC SBT-1KA. Receiver is a 75A4 which will be exchanged for a 51S1 not available now. On the upper shelf right side is a Hallicrafters TO-Keyer Model HA-1. On the left is a panoramic adaptor. Not shown in the photo is a Hallicrafter HT33B used with the KWM2-A in fixed portable locations.

Ground system includes five miles of #6 copper wire woven into the rod job of the swimming pool, leach lines to septic tanks, down to water, under the floors and into the foundations of all construction. Chain link fence around the 10-acre location also attached. Building is sitting on virgin vein of native copper.

Club building designed for purpose, contains 1200 square feet including operating room as shown, plus three-quarter bath, entry hall, guest room and a Finnish steam bath.

Three antenna systems cover 2 thru 75 meters. Left end of building shows Telrex 10-15-20 Xmas tree stack of three element optimum spaced beams on a Tri-Ex HZR-471N retractable tower. Raised and lowered by remote control from patch panel the entire tower rotates. Hy-Gain indicator, inside picture center, shows direction. Maximum height 81′ 9¾″ above the daisies.

"Big Bertha," weighs over 9000 lbs. as shown. The mast is a modified flagpole 125′ long, 14″ in diameter at the bottom, 2⅝″ at the top. Completely self supporting, the entire mast rotates in the foundation tube planted in a hole 8′ x 8′ x 13½′ deep into 32 yards of concrete.

Telrex antennas from top: 2 meter ground plane, 118′, 6 element optimum spaced twenty 110′, 5 element optimum spaced fifteen 102′, 11 element optimum spaced six 94′, 3 element full sized forty 86′, duplicate of upper fifteen 53′, duplicate of upper twenty 45′.

The 2 and 6 meter antennas are separately fed with RG17AU polyfoam thru an SPDT Dow Key relay. Balance of antennas utilize another similar feed line. Standard 110 VDC Dow Key relays in weatherproof brass boxes are used as phasing relays and one dozen more connected in series in another brass box allows selection of individual or phased antennas by means of a twelve position selector switch on the antenna patch panel. At their resonant frequency individual and phased arrays are completely flat and the VSWR is very favorable over all other amateur bands.

The Hy-Gain, Hy-Tower stubbed vertical operates on all frequencies 10 thru 75 meters and does an outstanding job. 131 66-foot ground radials are connected together in a 132′ circle.

OK

STAMP

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